

Claims:

1. A gene consisting of the following DNA (a) or (b):
 - (a) DNA consisting of the nucleotide sequence as shown in SEQ ID NO: 1; or
 - (b) DNA hybridizing under stringent conditions to DNA consisting of a nucleotide sequence complementary with the DNA consisting of the nucleotide sequence as shown in SEQ ID NO: 1 and conferring root-knot nematode resistance upon a host.
- 2 The gene according to claim 1, wherein the root-knot nematode resistance is quantitative resistance where the level of resistance increases depending on the number of gene copies.
- 3.A recombinant vector comprising the gene according to claim 1.
4. A transformant obtained by introducing the gene according to claim 1 into a host.
5. The transformant according to claim 4, wherein the host is a plant.
6. The transformant according to claim 5, wherein the plant is of the *Solanaceae* family.
7. A method for producing a root-knot nematode-resistant transgenic plant by introducing the gene according to claim 1 into the plant.
8. An agent for root-knot nematode control comprising the gene according to claim 1.